

73148-8

12/17/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

Reg. Number:
73148-8

Date of Issuance:
DEC 17 2013

Term of Issuance:
Unconditional

Name of Pesticide Product: IonPure
IPI

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ISHIZUKA Glass Co., LTD.
1880, Kawai-cho, Iwakura City
Aichi, 482-8510, Japan

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration Number 73148-8."

Signature of Approving Official:

Marshall Swindell
Product Manager-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Date:
DEC 17 2013

3. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

a. The Silver DCI was issued on July 6, 2012 and, you are responsible for addressing the data requirements outlined in the data call-in. A copy of the DCIs can be located in the Dockets for the active ingredient Silver-<http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPP-2009-0334-0032>. Since the source of the active ingredient, Silver, is unregistered, you are responsible for addressing the generic data requirements outlined in the data call-in. A copy of the DCI can be located in the Docket-Silver DCI (Generic Data Call-in Notice, GDCI-072501-1129 dated February 29, 2012): <http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPP-2009-0334-0028>. If you have specific questions about the DCIs, contact Rose Kyprianou at 703-305-5354.

4. Submit a one-year study required to satisfy the storage stability and corrosion characteristics requirements (Guidelines 830.6317 and 830.6320). You have 18 months from the date of registration to provide these data.

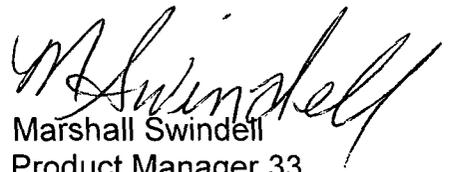
The Confidential Statement of Formula dated October 28, 2013, is acceptable.

3. Submit three (3) copies of the final printed label prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Labeling)

IONPURE IPI

Silver-Glass

IONPURE IPI is an antimicrobial powder for commercial and industrial use designed to be incorporated into various materials during varying stages of the manufacturing process to preserve the integrity of the manufactured materials.

IONPURE IPI is a preservative for use in the manufacture of plastic films, interior paint and exterior paint, paper coatings, adhesives, and synthetic fibers.

For more details of the various materials, refer to the supplemental labeling for uses of IONPURE IPI.

Not for use in food grade paper, paperboard product, paper coatings, and adhesives.

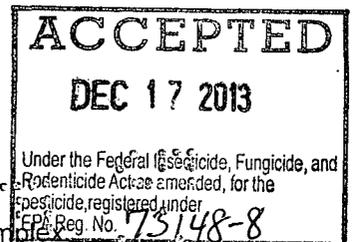
ACTIVE INGREDIENT:

Silver* as elemental: 1.25%

OTHER INGREDIENTS: 98.75%

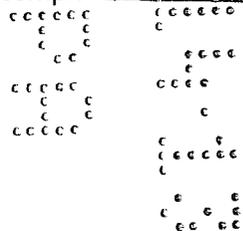
Total: 100.0%

*from zinc-magnesium-aluminum-calcium-sodium-phosphate-borate complex



KEEP OUT OF REACH OF CHILDREN

CAUTION



FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
For medical questions, emergencies or accidents involving this product call: 1-800-452-7165. Have the product container or label with you when calling a poison control center or doctor.	

Manufactured by:
 ISHIZUKA GLASS CO., LTD.
 1880, Kawai-cho, Iwakura City
 Aichi, 482-8510, Japan
 Tel (81)-587-37-3251

EPA Reg. No. 73148-
 EPA Est. No. 73148-JPN-001

Net Contents:

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid contamination of cooking utensils and food preparation surfaces.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES permit) and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Do not store in areas accessible to children. Do not store in places where food or feed may come in contact with the product. Keep away from direct sunlight or humidity. In case of spill, collect material and dispose of it as specified below.

PESTICIDE DISPOSAL: Unused materials should be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non refillable container. Do not reuse or refill this container. Empty bag completely and dispose in regular trash collection. Offer cardboard container for recycling if available or dispose in regular trash collection.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

BLENDING AND FORMULATING INSTRUCTIONS FOR THE LISTED MATERIALS

IONPURE IPI is a silver glass antimicrobial powder designed to be incorporated into various materials at various stages of their manufacturing process to preserve the integrity of the manufactured materials. The powder can be incorporated into the materials as an integral part of the finished products throughout their entire thickness, or as a film over the surfaces of the manufactured materials, depending on the particular method of manufacture of the finished materials and needs of the manufacturer.

IONPURE IPI may be incorporated into the following materials at the specified Maximum Concentration (MC) on a dry weight basis of finished products, or on a weight by weight basis for liquid products such as paints.

	APPLICATION	MC
Plastic and Films	non food use only and no water pipes in polyethylene, polypropylene, polyvinyl chloride, polyacetate, and polyester	2.0%
Paint	water based and solvent based interior and exterior	2.0%
Paper coating	non food packaging paper, no food contact, not for paper production use	2.0%
Adhesive	non food contact applications including plywood adhesives	2.0%
Fibers	Polyester, Nylon, Polypropylene, Acrylic and Rayon	2.0%
Textile Finishing		2.0%
Coatings including water-borne, solvent-borne, liquid powder and 100% solids coatings for interior and exterior uses.	non food packaging paper products, natural and synthetic fibers and fabrics, metals, plastics, laminates, composite and building materials, barrier fabrics, furniture, automotive and vehicular parts, glazing materials and HVAC systems	2.0%

For details in blending IONPURE IPI with these materials, refer to supplemental labeling.

(Supplemental Labeling)

IONPURE IPI Silver-Glass

Claims: IONPURE IPI is to be incorporated into the following materials at suitable stages of the manufacturing process to preserve the integrity of the manufactured/treated materials, and thus make them suppress the growth of bacteria and mold.

<p>Plastics and films</p>	<p>Use: non food contact plastics and films Polymers: polyester, polyamide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, epoxy resin, phenol resin, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic resin, methyl methacrylate, acrylonitrile butadiene styrene copolymer, etc. Products: computers, laptops, and accessories (stationary, mobile and handheld) including processors (CPUs), monitors, stands, and peripherals to include keyboards, mouse, touch pad, touch tablet, graphic tablet, and trackballs and other input/output devices; electronics and gaming equipment (stationary, portable, mobile, and handheld) and displays and their accessories, including consoles, headsets, controllers and other input/output devices; communication equipment (stationary, mobile, and handheld) including telephones, headsets, handsets, intercoms, earphones, and microphones and other input/output devices; acoustic instruments and/or hearing aids; eyeglass frames and lenses, protective eyewear including glasses, masks, shields, and goggles; gloves, shower curtains, cable wraps; protective covers, foam containers, brush handles, sponges, insulators, gaskets, tubings, containers, films, furnitures, etc.</p>
<p>Paint</p>	<p>Use: interior and exterior paints Type: water based or solvent based paint</p>
<p>Paper coating</p>	<p>Use: non food packaging paper; not for paper production use. Type: cellulosic, synthetic, specialty, reinforced papers, etc. Products: wallpaper, wiping towels, book covers, corrugated paper filters, etc.</p>
<p>Adhesive</p>	<p>Use: non food contact adhesives for paper or containers Products: adhesives for plywood manufacture, adhesive for cement tile and sealants, etc.</p>
<p>Fibers</p>	<p>Polymers: polyester, polypropylene, nylon, polyethylene, acrylic, rayon etc. Products for home furnishings: mattress cover pads, sheets, blankets, quilts and pillow fiber fill, curtains and draperies, carpet and its underlay, upholstery, wiping cloths, towels, bags, wall covering fabrics, cushion pads etc. Products for apparel: interlinings, industrial uniforms, coats and aprons, sportswear, sleepwear, stockings, socks, helmets, caps, gloves, etc. Products for industrial: brush bristles, shoe linings, artificial leather, filters, book covers, sail cloth, ropes, etc.</p>
<p>Textile Finishing</p>	<p>Products: various surface resin coating textiles</p>
<p>Coatings including water-borne, solvent-borne, liquid powder & 100% solids coatings for interior & exterior uses.</p>	
<p>Use: not for food contact coatings and surfaces Products including (but not limited to): non-food packaging, paper products, natural and synthetic fibers and fabrics, sinks, countertops, general purpose containers, collection and storage equipment, appliances, building materials, and components equipment (including walls, hardware, floors, ceilings and components thereof for kitchen, commercial and industrial application), wallboard, flooring materials, concrete, siding, roofing, shingles, industrial equipment, metals, plastics, furniture, automotive and vehicular parts, barrier fabrics and glazing materials, spas, bathtubs, showers, and filters and components thereof</p>	
<p>Use: original equipment manufacturing of heating, ventilation and air conditioning (HVAC) equipment and related materials (including insulation, ducts, heat exchangers, drain pans, air filters, air purifiers, diffusers, and parts and components thereof)</p>	
<p>Use: coatings used to upgrade non-residential heating ventilation and air conditioning equipment and related materials (including insulation, ducts, heat exchangers, drain pans, air filters, air purifiers, diffusers, and parts and components thereof)</p>	
<p>The purpose of incorporating IONPURE IPI in coatings is intended for HVAC applications to inhibit the growth of mold, mildew, fungus, and bacteria that cause odor, discoloration, staining, deterioration or corrosion on the coated surface. IONPURE IPI does not protect the underlying substrate and is not intended to inhibit growth of public-health related organisms.</p>	